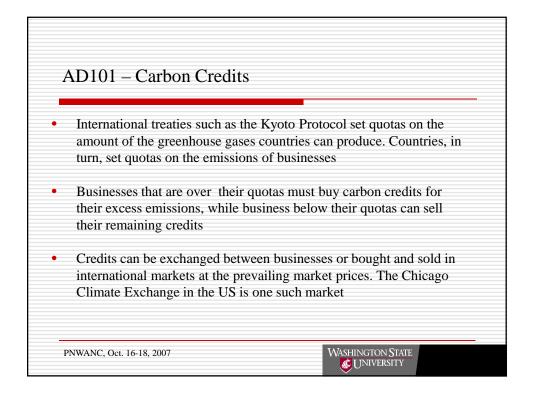
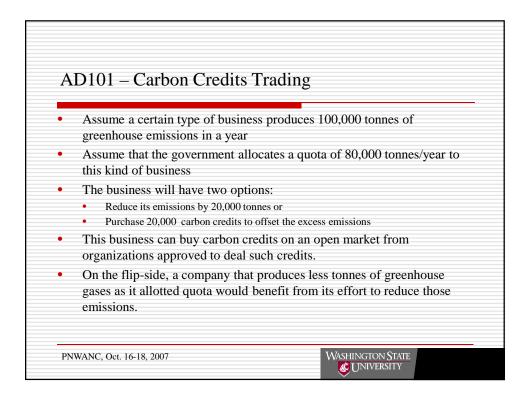
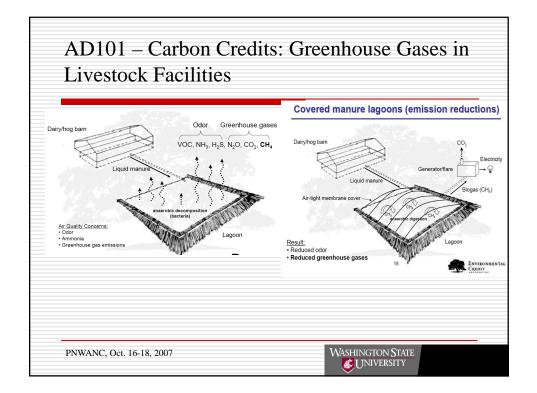


Α	AD101 – Carbon Credits		
•	The concept of <b>carbon credits</b> arose out of increasing awareness of the need to reduce emissions of <b>greenhouse</b> gases to combat <b>global</b> <b>climate change</b> (warming)		
•	It was formalized in the <b>Kyoto Protocol</b> (international agreement between 169 countries)		
•	Carbon credits are certificates awarded to countries or businesses for reducing emissions of greenhouses. A credit gives the holder the right to emit one tonne of $CO_2$ . Carbon Credits are <b>tradable permit</b> scheme		
•	For trading purposes, one credit is considered equivalent to one tonne of $CO_2$ emissions		
P	WANC, Oct. 16-18, 2007 WASHINGTON STATE		







Global Warming Potential	atmosphere by any greenhouse gas. GWP values for different gases are expressed relative to the GWP of the reference gas, carbon dioxide, which is assigned a value of 1.		
	Global warming potentia Gas	l of greenhouse gases GWP	1 tonne CH <sub>4</sub> = 21 tonnes CO <sub>2</sub> 1 tonne N <sub>2</sub> O = 310 tonnes CO <sub>2</sub>
	Carbon Dioxide (CO2)	1 mainly from fossil fuel use	
	Methane (CH4)	21 mainly from ruminant animals and waste	
	Nitrous Oxide (N2O)	310 mainly from agriculture	
	Fluorocarbons	140-11,700 mainly from refrigerants?	
	Chlorofluorocarbons	6,500-9,200 from aluminium production?	
	Sulpherhexafluoride	23,900 mainly from the electricity industry	

